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(71) Applicants (for all designated States except US):  
SCHLUMBERGER TECHNOLOGY B.V. [NL/NL];  
Parkstraat 83-89, NL-2514 JG The Hague (NL). PETRO-  
LEUM RESEARCH AND DEVELOPMENT N.V.  
[NL/NL]; De Ruyterkade 62, Willemstad, Curaçao (AN).

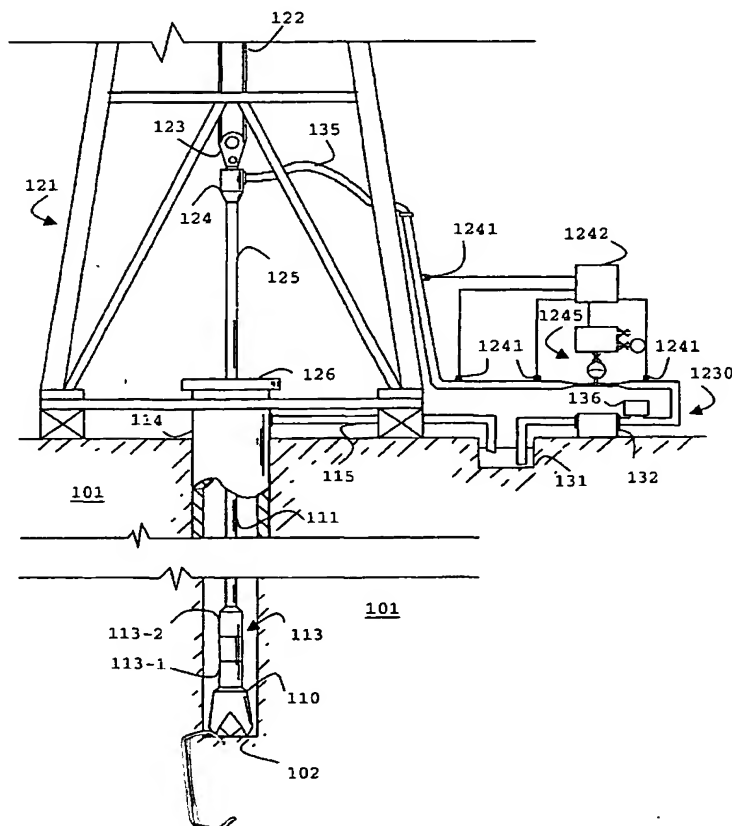
SCHLUMBERGER CANADA LIMITED [CA/CA];  
525 - 3rd Avenue S.W., Calgary, Alberta T2P 0G4 (CA).  
SCHLUMBERGER HOLDINGS LIMITED [—/—];  
P.O. Box 71, Craigmuir Chambers, Road Twon, Tortola  
(VG). SCHLUMBERGER OILFIELD ASSISTANCE  
LIMITED [—/—]; Craigmuir Chambers, Road Town,  
Tortola (VG). SCHLUMBERGER OVERSEAS S.A.  
[PA/PA]; 8 Calle Aquilino de la Guardia, Panama City  
(PA). SCHLUMBERGER SURENCO S.A. [PA/PA]; 8  
Calle Aquilino de la Guardia, Panama City (PA). SER-  
VICES PETROLIERS SCHLUMBERGER [FR/FR];  
42, rue Saint-Dominique, F-75007 Paris (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HUANG, Songming  
[GB/GB]; 97 Limes Road, Hardwick, Cambridgeshire  
CB3 7XN (GB). MONMONT, Franck, Bruno, Jean  
[FR/GB]; 152 Bower Street, Bedford MK40 3QZ (GB).  
FROELICH, Benoit [FR/FR]; 26 bis, chemin du Gaillon,  
F-78160 Marly-le-Roi (FR).

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(54) Title: NOISE ATTENUATION APPARATUS FOR BOREHOLE TELEMETRY



(57) Abstract: A surface mud pipeline system is described with a mechanical acoustic filter (1245) tuned to a predetermined frequency band so as to attenuate pump noise (132) within this band. The filter can be combined with a Venturi constriction to provide enhanced attenuation and is used to improve signal transmission of a mud pulse telemetry system (113-2).

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